

EXHIBIT G

Dakota Access Exclusion and Avoidance Criteria Analysis
for Reroute Locations Matrix

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC
N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 19										
December 2014	0	0	Low	4.49	0	N/A	0	0	0	0
May 2016	3.49	0	Low	1.47	0	N/A	0	0	0	0
<i>Net Difference</i>	+3.49	0	--	-3.02	0	--	0	0	0	0
Reroute Location 21										
December 2014	19.88	0	Low	0.04	3.49	N/A	0	0	0	0
May 2016	14.68	0	Low	0	5.61	N/A	0	0	0	0
<i>Net Difference</i>	-5.2	0	--	-0.04	+2.12	--	0	0	0	0
Reroute Location 23										
December 2014	26.79	0	Moderate	0.1	0	No	0	0	0	0
May 2016	22.31	0	Moderate	0.52	0	No	0	0	0	0
<i>Net Difference</i>	-4.48	0	--	+0.42	0	--	0	0	0	0
Reroute Location 27										
December 2014	11.69	0	Moderate	0	0	No	0	0	0	0
May 2016	9.53	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-2.16	0	--	0	0	--	0	0	0	0
Reroute Location 29										
December 2014	21.63	0	Moderate	0.22	0	No	0	0	0	0
May 2016	14.55	0	Moderate	0.46	0.09	No	0	0	0	0
<i>Net Difference</i>	-7.08	0	--	+0.24	+0.09	--	0	0	0	0
Reroute Location 30										
December 2014	1.41	0	Moderate	1.38	0	No	0	0	0	0
May 2016	0	0	Moderate	1.65	0	No	0	0	0	0
<i>Net Difference</i>	-1.41	0	--	+0.27	0	--	0	0	0	0

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Reroute Location 32										
December 2014	0	0	Moderate	2.08	0	No	0	0	0	0
May 2016	3.05	4.23	Moderate	0.04	0	No	0	0	0	0
<i>Net Difference</i>	+3.05	+4.23	--	-2.04	0	--	0	0	0	0
Reroute Location 33										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 35										
December 2014	3.44	0	Moderate	0	0	No	0	0	0	0
May 2016	1.94	0	Moderate	0.17	0	No	0	0	0	0
<i>Net Difference</i>	-1.5	0	--	+0.17	0	--	0	0	0	0
Reroute Location 37										
December 2014	0	0	Moderate	0	0	No	1	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	-1	0	0	0
Reroute Location 38										
December 2014	0	0	Moderate	0.45	0	No	1	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.45	0	--	-1	0	0	0
Reroute Location 39										
December 2014	10.54	0	Moderate	0.08	0	No	1	0	0	0
May 2016	11.46	0	Moderate	0.15	0	No	0	0	0	0
<i>Net Difference</i>	+0.92	0	--	+0.07	0	--	-1	0	0	0

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Reroute Location 40										
December 2014	0	3.72	Moderate	0	0	No	0	0	0	0
May 2016	0	3.57	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	-0.15	--	0	0	--	0	0	0	0
Reroute Location 41										
December 2014	0	0	Moderate	0	1.57	N/A	1	0	0	0
May 2016	0	0	Moderate	0	2.06	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	+0.49	--	-1	0	0	0
Reroute Location 43										
December 2014	0.11	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.11	0	--	0	0	--	0	0	0	0
Reroute Location 45										
December 2014	0	0	Moderate	0.08	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0.02	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.06	0	--	0	0	0	0
Reroute Location 47										
December 2014	0	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 48										
December 2014	0	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0

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Reroute Location 49										
December 2014	0	0	Moderate	1.64	4.70	N/A	1	0	0	0
May 2016	0	0	Moderate	0.65	4.89	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.99	+0.19	--	-1	0	0	0
Reroute Location 51										
December 2014	21.7	0	Moderate	0.06	2.81	N/A	1	0	0	0
May 2016	17.28	0	Moderate	0.16	5.37	N/A	0	0	0	0
<i>Net Difference</i>	-4.42	0	--	+0.1	+2.56	--	-1	0	0	0
Reroute Location 54										
December 2014	2.99	0	Moderate	0.76	0	N/A	0	0	0	0
May 2016	3.75	0	Moderate	0.85	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.76	0	--	+0.09	0	--	0	0	0	0
Reroute Location 55										
December 2014	1.92	0	Moderate	0	0	N/A	1	0	0	0
May 2016	2.02	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.1	0	--	0	0	--	-1	0	0	0
Reroute Location 56										
December 2014	9.67	0	Moderate	0	0	N/A	2	0	0	0
May 2016	6.56	0	Moderate	0	0	N/A	1 ^d	0	0	0
<i>Net Difference</i>	-3.11	0	--	0	0	--	-1	0	0	0
Reroute Location 57										
December 2014	0	0	Moderate	0.1	1.27	N/A	3	0	0	0
May 2016	0	0	Moderate	0	0.66	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.1	+0.61	--	-3	0	0	0

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Reroute Location 58										
December 2014	4.29	0	Moderate	0	0.81	N/A	2	0	0	0
May 2016	3.29	0	Moderate	0	0.81	N/A	1 ^d	0	0	0
<i>Net Difference</i>	-1	0	--	0	0	--	-1	0	0	0
Reroute Location 59										
December 2014	0	0	Moderate	0.22	0	N/A	1	0	0	0
May 2016	0	0	Moderate	0.11	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.11	0	--	-1	0	0	0
Reroute Location 60										
December 2014	4.09	0	Moderate	0.29	0	N/A	4	0	0	0
May 2016	3.84	0	Moderate	0.15	0.43	N/A	0	0	0	0
<i>Net Difference</i>	-0.25	0	--	-0.14	+0.43	--	-4	0	0	0
Reroute Location 61										
December 2014	0	0	Moderate	0.98	0	No	0	0	0	0
May 2016	0.70	0	Moderate	0.24	0	No	0	0	0	0
<i>Net Difference</i>	+0.70	0	--	-0.74	0	--	0	0	0	0
Reroute Location 62										
December 2014	0	0	Moderate	0.10	0	No	0	0	0	0
May 2016	0	0	Moderate	0.09	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.01	0	--	0	0	0	0
Reroute Location 63										
December 2014	5.65	0	Moderate	0.01	0	No	0	0	0	0
May 2016	4.97	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.68	0	--	-0.01	0	--	0	0	0	0

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Reroute Location 64										
December 2014	0	0	Moderate	0.04	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0.06	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.02	0	--	0	0	0	0
Reroute Location 65										
December 2014	0	0	Moderate	0	0	N/A	1	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	-1	0	0	0
Reroute Location 66										
December 2014	7.72	0	Moderate	0.1	0	N/A	1	0	0	0
May 2016	8.06	0	Moderate	0	0	N/A	1 ^e	0	0	0
<i>Net Difference</i>	+0.34	0	--	-0.1	0	--	0	0	0	0
Reroute Location 67										
December 2014	1.1	0	Moderate	0.02	0	N/A	1	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-1.1	0	--	-0.02	0	--	-1	0	0	0
Reroute Location 68										
December 2014	0	0	Moderate	0	0	N/A	1	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	-1	0	0	0
Reroute Location 69										
December 2014	13.12	0	Moderate	0.39	0	N/A	0	0	0	0
May 2016	12.1	0	Moderate	0.51	0	N/A	0	0	0	0
<i>Net Difference</i>	-1.02	0	--	+0.12	0	--	0	0	0	0

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Reroute Location 70										
December 2014	0	0	Moderate	0.02	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0.07	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.05	0	--	0	0	0	0
Reroute Location 71										
December 2014	1.95	0	Low	0	0	N/A	0	0	0	0
May 2016	1.67	0	Low	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.28	0	--	0	0	--	0	0	0	0
Reroute Location 72										
December 2014	10.36	0	Low	0.75	0	N/A	0	0	0	0
May 2016	10.07	0	Low	0.14	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.29	0	--	-0.61	0	--	0	0	0	0
Reroute Location 74										
December 2014	12.69	0	Moderate	0	0	No	0	0	0	0
May 2016	11.17	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-1.52	0	--	0	0	--	0	0	0	0
Reroute Location 75										
December 2014	14.12	0	Moderate	0.04	0	No	0	0	0	0
May 2016	13.09	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-1.03	0	--	-0.04	0	--	0	0	0	0
Reroute Location 76										
December 2014	1.99	0	Moderate	0.07	0	No	0	0	0	0
May 2016	2.3	0	Moderate	0.09	0	No	0	0	0	0
<i>Net Difference</i>	+0.31	0	--	+0.02	0	--	0	0	0	0

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Reroute Location 77										
December 2014	2.65	0	Moderate	0	0	No	0	0	0	0
May 2016	3.46	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.81	0	--	0	0	--	0	0	0	0
Reroute Location 78										
December 2014	8.81	0	Moderate	0.18	0	No	0	0	0	0
May 2016	7.48	0	Moderate	0.34	0	No	0	0	0	0
<i>Net Difference</i>	-1.33	0	--	+0.16	0	--	0	0	0	0
Reroute Location 79										
December 2014	5.78	0	Moderate	0	0	No	0	0	0	0
May 2016	5.32	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.46	0	--	0	0	--	0	0	0	0
Reroute Location 80										
December 2014	0	0	Moderate	0	1.66	No	0	0	0	0
May 2016	0	0	Moderate	0	1.67	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	+0.01	--	0	0	0	0
Reroute Location 81										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 82										
December 2014	1.14	0	Moderate	0	0	No	0	0	0	0
May 2016	1.33	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.19	0	--	0	0	--	0	0	0	0

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Reroute Location 83										
December 2014	2.81	0	Moderate	0.11	0	No	0	0	0	0
May 2016	2.44	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.37	0	--	-0.11	0	--	0	0	0	0
Reroute Location 84										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 85										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0.21	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.21	0	--	0	0	--	0	0	0	0
Reroute Location 86										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 87										
December 2014	0	0	Moderate	0.05	0	No	0	0	0	0
May 2016	0	0	Moderate	0.03	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.02	0	--	0	0	0	0
Reroute Location 88										
December 2014	1.5	0	Moderate	0	0.4	No	0	0	0	0
May 2016	0.88	0	Moderate	0	0.16	No	0	0	0	0
<i>Net Difference</i>	-0.62	0	--	0	-0.24	--	0	0	0	0

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Reroute Location 89										
December 2014	0	0	Moderate	0	1.92	No	0	0	0	0
May 2016	0	0	Moderate	0.07	1.09	No	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.07	-0.83	--	0	0	0	0
Reroute Location 90										
December 2014	14.29	0	Moderate	0	0	N/A	0	0	0	0
May 2016	11.86	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-2.43	0	--	0	0	--	0	0	0	0
Reroute Location 91										
December 2014	5.14	0	Moderate	0.07	0	N/A	0	0	0	0
May 2016	5.52	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.38	0	--	-0.07	0	--	0	0	0	0
Reroute Location 92										
December 2014	0.32	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0.33	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.01	0	--	0	0	--	0	0	0	0
Reroute Location 93										
December 2014	3.04	0	Moderate	0	0	No	0	0	0	0
May 2016	2.98	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.06	0	--	0	0	--	0	0	0	0
Reroute Location 94										
December 2014	17.47	0	Moderate	0	0	No	0	0	0	0
May 2016	15.66	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-1.81	0	--	0	0	--	0	0	0	0

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Reroute Location 95										
December 2014	0	0	Moderate	0	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 96										
December 2014	8.26	0	Moderate	0	0	No	0	0	0	0
May 2016	9.03	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.77	0	--	0	0	--	0	0	0	0
Reroute Location 97										
December 2014	1.07	0	Moderate	0	0	No	0	0	0	0
May 2016	1.75	0	Moderate	0.02	0	No	0	0	0	0
<i>Net Difference</i>	+0.68	0	--	+0.02	0	--	0	0	0	0
Reroute Location 98										
December 2014	0	0	Moderate	0.02	0	No	0	0	0	0
May 2016	0	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.02	0	--	0	0	0	0
Reroute Location 99										
December 2014	5.48	0	Moderate	0	0	No	0	0	0	0
May 2016	4.89	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.59	0	--	0	0	--	0	0	0	0
Reroute Location 100										
December 2014	0.51	0	Moderate	0.19	0	No	0	0	0	0
May 2016	0.28	0	Moderate	0.25	0	No	0	0	0	0
<i>Net Difference</i>	-0.23	0	--	+0.06	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 101										
December 2014	3.92	0	Moderate	0	0	No	0	0	0	0
May 2016	3.58	0	Moderate	0.08	0	No	0	0	0	0
<i>Net Difference</i>	-0.34	0	--	+0.08	0	--	0	0	0	0
Reroute Location 102										
December 2014	1.79	0	Moderate	0.17	0	No	0	0	0	0
May 2016	1.48	0	Moderate	0.14	0	No	0	0	0	0
<i>Net Difference</i>	-0.31	0	--	-0.03	0	--	0	0	0	0
Reroute Location 103										
December 2014	1.27	0	Moderate	0	0	No	0	0	0	0
May 2016	1.27	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 104										
December 2014	0.08	0	Moderate	0	0	No	0	0	0	0
May 2016	0.09	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.01	0	--	0	0	--	0	0	0	0
Reroute Location 105										
December 2014	0.15	0	Moderate	0.26	0	No	0	0	0	0
May 2016	0.15	0	Moderate	0.3	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.04	0	--	0	0	0	0
Reroute Location 106										
December 2014	11.7	0	Moderate	0	0	No	0	0	0	0
May 2016	10.7	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-1	0	--	0	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 107										
December 2014	2.05	0	Moderate	0	0	No	0	0	0	0
May 2016	1.53	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.52	0	--	0	0	--	0	0	0	0
Reroute Location 108										
December 2014	9.78	0	Moderate	0.08	0	No	0	0	0	0
May 2016	9.59	0	Moderate	0.04	0	No	0	0	0	0
<i>Net Difference</i>	-0.19	0	--	-0.04	0	--	0	0	0	0
Reroute Location 109										
December 2014	4.86	0	Moderate	0	0	No	0	0	0	0
May 2016	3.94	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.92	0	--	0	0	--	0	0	0	0
Reroute Location 110										
December 2014	2.29	0	Moderate	0.46	0	No	0	0	0	0
May 2016	2.21	0	Moderate	0.58	0	No	0	0	0	0
<i>Net Difference</i>	-0.08	0	--	+0.12	0	--	0	0	0	0
Reroute Location 111										
December 2014	8.28	0	Moderate	0	0	No	0	0	0	0
May 2016	8.38	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.1	0	--	0	0	--	0	0	0	0
Reroute Location 112										
December 2014	0	0	Moderate	0.07	0	No	0	0	0	0
May 2016	0	0	Moderate	0.09	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	+0.02	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 113										
December 2014	2.69	0	Moderate	0	0	Yes	0	0	0	0
May 2016	3.68	0	Moderate	0	0	Yes	0	0	0	0
<i>Net Difference</i>	+0.99	0	--	0	0	--	0	0	0	0
Reroute Location 114										
December 2014	0	0	Moderate	0	0.03	No	0	0	0	0
May 2016	0	0	Moderate	0	0.04	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	+0.01	--	0	0	0	0
Reroute Location 115										
December 2014	7.62	0	Moderate	0	0	No	0	0	0	0
May 2016	7.04	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.58	0	--	0	0	--	0	0	0	0
Reroute Location 116										
December 2014	7.24	0	Moderate	0	0	No	0	0	0	0
May 2016	6.85	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	-0.39	0	--	0	0	--	0	0	0	0
Reroute Location 117										
December 2014	3.78	0	Moderate	0	0	No	0	0	0	0
May 2016	4.66	0	Moderate	0	0	No	0	0	0	0
<i>Net Difference</i>	+0.88	0	--	0	0	--	0	0	0	0
Reroute Location 118										
December 2014	0	0	Low	0.05	0	No	0	0	0	0
May 2016	0	0	Low	0.04	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	-0.01	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 119										
December 2014	0	0	High	0	0	No	0	0	0	0
May 2016	0	0	High	0	0	No	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 120										
December 2014	3.98	0	High	0	0	No	0	0	0	0
May 2016	11.4	0	High	0	0	No	0	0	0	0
<i>Net Difference</i>	+7.42	0	--	0	0	--	0	0	0	0
Reroute Location 121										
December 2014	7.06	0	High	0	0	N/A	0	0	0	0
May 2016	8.54	0	High	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+1.48	0	--	0	0	--	0	0	0	0
Reroute Location 122										
December 2014	0	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 123										
December 2014	0.73	0	Moderate	1.27	0	N/A	0	0	0	0
May 2016	0.14	0	Moderate	0.83	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.59	0	--	-0.44	0	--	0	0	0	0
Reroute Location 124										
December 2014	10.77	0	Moderate	0	0	N/A	0	0	0	0
May 2016	10.4	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.37	0	--	0	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands ^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas ^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain ^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
Reroute Location 125										
December 2014	0.13	0	Moderate	0.02	0	N/A	1	0	0	0
May 2016	0.24	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+0.11	0	--	-0.02	0	--	-1	0	0	0
Reroute Location 126										
December 2014	3.09	0	Moderate	0	0	N/A	1	0	0	0
May 2016	6.58	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	+3.49	0	--	0	0	--	-1	0	0	0
Reroute Location 127										
December 2014	10.85	0	Moderate	0	0	N/A	0	0	0	0
May 2016	10.58	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-0.27	0	--	0	0	--	0	0	0	0
Reroute Location 129										
December 2014	0	0	Moderate	0	0	N/A	0	0	0	0
May 2016	0	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	0	0	--	0	0	--	0	0	0	0
Reroute Location 130										
December 2014	8.64	0	Moderate	0.39	2.25	No	0	0	0	0
May 2016	4.4	0	Moderate	0.04	0.31	No	0	0	0	0
<i>Net Difference</i>	-4.24	0	--	-0.35	-1.94	--	0	0	0	0
Reroute Location 131										
September 2015*	6.14	0	Moderate	0	0	N/A	0	0	0	0
May 2016	1.92	0	Moderate	0	0	N/A	0	0	0	0
<i>Net Difference</i>	-4.22	0	--	0	0	--	0	0	0	0

Dakota Access Exclusion and Avoidance Criteria Analysis for Reroute Locations
North Dakota PSC

N.D.C.C. § 49-22-16.3 Reroutes

Filed Route	Prime Farmlands^a (acres within workspace)	Irrigated Lands (acres within workspace)	Geologically Unstable Areas^b	Wetlands (acres within workspace)	Woodlands (acres within workspace)	Workspace within 100 year Floodplain^c	Historic Resources or Landmarks (sites within workspace)	National, State, or County Exclusion Areas (sites within workspace)	T&E/Rare Species Critical Habitat (acres within workspace)	City Limits or Military Installation (sites within workspace)
TOTAL NET DIFFERENCE	-28.93	+4.08	--	-7.53	+3.5	--	-22	0	0	0

^a All impacts associated with pipeline construction would be temporary, no permanent surface impacts would occur on prime farmlands.

^b Geologically unstable area data from: U.S. Geological Survey Landslide Susceptibility, Low: Low landslide incidence (less than 1.5% of the area is involved), Moderate (1): Moderate landslide incidence (1.5% - 15% of the area is involved), Moderate: Moderate susceptibility to landsliding and low incidence.

^c 100 year Floodplain data from: Federal Emergency Management Agency 100 Year Flood Zones, N/A: data not available for area.

^d The same cultural site is located within both December 2014 and May 2016 workspaces, however impacts are minimized through reduction in workspace along May 2016 route. Site is included in the DAPL Cultural Mitigation Plan that will be approved by the ND SHPO.

^e December 2014 route bisected eligible portion of the cultural site, May 2016 route is within the non-contributing portion of that same site, no further work required per ND SHPO.

*Reroute area was previously submitted to the PSC for approval on 9/11/15